

Work Order ID 60479



Page 1

July 13, 2010 7:40:14 AM

Item ID: D3965-4

Accept



Setup Start



Revision ID:

Item Name: Bearing, Spherical

Stop



Start Date: 7/13/10 Start Qty: 10.00



Cust Item ID:

Required Date: 7/15/10 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan: CL

Date: 10/7/13

Tooling: _____ Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr	
D3965	Rev A	

100



Purchasing

Memo

0.00

CL 10/7/13

(O)

Purchasing

PURCHASING

Issue P/O: 12235

Purchase Part Number: 63215K32 or 63215K52

Possible Supplier: McMaster

Material release note is required

110



Receive & Inspect for Damage & Mat'l Certs

0.00

P10/7/14 (O)

Packaging

Memo

0.00

Packaging

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



QC6- Inspect dimensions to drawing

0.00

Siolotliu

(X/D)

QC

Quality Control

130



Identify as per dwg & Stock Location: 104

0.00

Packaging

Packaging

Memo

0.00

140



QC21- Final Inspection - Work Order Release

0.00

QC

Quality Control

Memo

0.00

MF

10-7-19

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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July 13, 2010 7:40:13 AM

Work Order ID: 60479



Parent Item: D3965-4



Parent Item Name: Bearing, Spherical

Start Date: 7/13/10

Required Date: 7/15/10

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
63215K32		Purchased	No			110	Each	0.0000	1	10		PC10/13/10	

Spherical Bearing

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

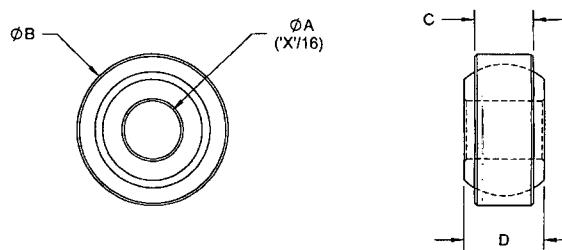
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING

CL1017113
W10.60479



D3965-X BEARING, SPHERICAL

WHERE 'X' IS I.D. IN 1/16" OF AN INCH.
EG Ø 1/4" (4/16") I.D. BEARING = D3965-4

DIMS SWITCHED CP 10.07.14

DART P/N	SUPPLIER	SUPPLIER P/N	A	B	C	D	STATIC RADIAL LOAD CAP. lbs
D3965-3	McMASTER-CARR	63215K31	0.188	0563	0.281	.219	3,975
D3965-4	McMASTER-CARR	63215K32 OR 63215K52	0.250	0.656	0.344	0.250	6,040
D3965-5	McMASTER-CARR	63215K53	0.313	0.750	0.375	0.281	8,750
D3965-6	McMASTER-CARR	63215K34	0.375	0.813	0.406	0.313	10,540

NOTES:
 1) MATERIAL: 440C STAINLESS STEEL WITH PTFE LINER
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: N/A
 7) WEIGHT: N/A

REV.	NEW ISSUE		RF	09.07.09
	DESCRIPTION		BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	RF			
MFG. APPR.	RF	DRAWING NO. D3965 REV. A		
APPROVED	RF	SHEET 1 OF 1		
DE APPR.	RF	TITLE BEARING, SPHERICAL		
DATE	SCALE NTS			
09.07.09	COPRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS REPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

RELEASED
01/08/25/14



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO12235

Purchase Order Date 7/13/10
PO Print Date 7/13/10

Page Number 1 of 1

Order From :

VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone 330 995 5500

Vendor Fax 330 995 9600

Vendor Account Nbr

Buyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency USD

FOB

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

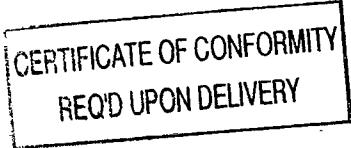
FAXED
(7/13/10)

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	63215K52	Bearing Spherical	7/15/10 Yes	✓ 10.00 Each	Purolator ground	\$16.9700 <i>\$ 16.67</i>	\$169.70
		Special Inst:	AS PER DWG D3965 REV. A B60479 MCMASTER P/N: 63215K52		<i>Purolator</i>		
2		8474T999 INDIVIDUAL CHARATER LETTER "D"	7/19/10 Yes	5.00	Purolator ground	\$4.3500	\$21.75

Deliver To: LINDA

Special Inst:
8474T999 INDIVIDUAL CHARATER,
LETTER "D" FOR
8474T3 BUILD-A-MESSAGE
RUBBER STAMP SET
5 EACH PER PACK

PO Total: \$191.45



No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 3

Change Date: 7/13/10

McMASTER-CARR

200 Aurora Industrial Parkway
Aurora OH 44202
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO12235

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Order Placed By
Chantal

07/13/2010

McMaster-Carr Number
4097626-01

Line	Description	Ordered	Shipped
2	63215K52 Stainless Steel Ball Joint Swivel Bearing, PTFE Lined, 1/4" ID, 21/32" OD, 11/32" Overall Width Your Part Number: YOUR LINE 1	10 Each	10 3 - 483 - 02 07-01 K52 10 EA S10/07/14

Expected to ship

1 8474T999 Individual Charater, Letter "D" for 8474t3,
Build-A-Message Rubber Stamp Set, 5 Each Per
Pack

5
Packs

5 to ship by 07/27

Charges for this shipment

Merchandise Amount:	\$166.70
Sales Tax:	\$8.34
Total:	\$175.04

Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog.

Jason Wolfe
Compliance Manager

Dart Aerospace Ltd

EXP



1 lb
1 line

Sm

12x7x5

FW1WBP33
07/13/2010
10:51/10:12
302
Cycle 23

0119936553631

